

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all previous versions and listings of claims in the present application.

1.-26. (Canceled).

27. (New) An illumination system comprising:

a central control unit; and

at least one lamp operating device for operating one or more

associated lamps, wherein

the lamp operating device can be operated in different operational modes,

and

the central control unit and the lamp operating device are so

configured that the selection and setting of an operational mode for the lamp operating

device can be carried out from or via the central control unit.

28. (New) An illumination system according to claim 27, wherein the

operational mode of the lamp operating device makes possible a dimming of the associated lamps.

29. (New) An illumination system according to claim 27, wherein the selection and setting of the operational mode for the lamp operating device is effected through a transmission of a corresponding control command from the central control unit.

30. (New) An illumination system according to claim 29, further comprising a bus line system via which the central control unit is connected with the lamp operating device and which is provided for the transmission of control commands.

31. (New) An illumination system according to claim 27, wherein the lamp operating device includes a memory for storing information relating to operational modes available for operation of the lamp.

32. (New) An illumination system according to claim 27, wherein the lamp operating device operates the lamp associated therewith in a base function when no operational mode has been selected.

33. (New) An illumination system according to claim 32, wherein within a scope of the base function, the lamp operating device switches on and switches off the lamp associated therewith.

34. (New) An illumination system according to claim 27, wherein a brightness level of the lamp in a switched-on condition, or a maximum brightness level

settable by means of the lamp operating device, is alterable by means of the central control unit.

35. (New) An illumination system according to claim 34, wherein the central control unit increases the switched-on brightness level, or the maximum-brightness level of the lamp, in response to an increasing operating time.

36. (New) An illumination system according to claim 35, wherein a degree of increase of the switched-on brightness level, or the maximum brightness level, is dependent upon a lamp type and/or a luminaire type.

37. (New) An illumination system according to claim 36, wherein by means of an increase of an switched-on brightness level, or the maximum brightness level, an aging of the lamp and/or a dirtying of the luminaire is compensated.

38. (New) A lamp operating device for operating an associated lamp, operable in different operational modes, wherein a selection and setting of an operational mode for the lamp operating device can be determined externally.

39. (New) A lamp operating device for operating an associated lamp, wherein a brightness level of the lamp in a switched-on condition, or a maximum brightness level settable by means of the lamp operating device, can be externally set.

40. (New) A method for operating a lamp by means of a lamp operating device, wherein

the lamp operating device is operable in different operational modes, and
the selection and setting of an operational mode for the lamp operating device is effected externally.

41. (New) A method according to claim 40, wherein the selection and setting of the operational mode for the lamp operating device is effected by means of a transmission of an external control command.

42. (New) A method according to claim 40, wherein at least one of the selectable operational modes of the lamp operating device makes possible a dimming of an associated lamp or lamps.

43. (New) A method according to claim 41, wherein the lamp operating device operates a lamp associated therewith in accordance with a base function when no operational mode has been selected.

44. (New) A method according to claim 43, wherein the lamp operating device switches on and switches off the associated lamp within a scope of the base function.

45. (New) A method according to claim 40, wherein a brightness level of the lamp in a switched-on condition, or a maximum brightness level which can be set by means of the lamp operating device can be altered.

46. (New) A method according to claim 45, wherein a switched-on brightness level, or the maximum brightness level of the lamp (LA), is increased in response to an increasing operational time.

47. (New) A method according to claim 46, wherein a degree of increase of the switched-on brightness level, or of the maximum brightness level, is dependent upon a lamp type and/or a luminaire type.

48. (New) A method according to claim 47, wherein through an increase of the switched-on brightness level, or of the maximum brightness level, an aging of the lamp and/or a dirtying of the luminaire is compensated.

49. (New) A method of operating a lamp by means of a lamp operating device, wherein a brightness level of the lamp in a switched-on condition, or a maximum brightness level settable by means of the lamp operating device, is alterable.

50. (New) A method according to claim 49, wherein the switched-on brightness level or the maximum brightness level of the lamp is increased in response to an increasing operational time.

51. (New) A method according to claim 50, wherein a degree of increase of the switched-on brightness level, or of the maximum brightness level, is dependent upon a lamp type and/or a luminaire type.

52. (New) A method according to claim 51, wherein by means of an increase of the switched-on brightness level, or of the maximum brightness level, an aging of the lamp and/or a dirtying of the luminaire is compensated.